

## FACSIMILE LEAD SHEET

GE GLOBAL RESEARCH  
Sandra Preisman  
Patent & Legal Operation  
PO Box 8 Bldg. K1 4A59  
Schenectady, New York 12301

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Thank you

DATE: October 11, 2004

TO: Filing Receipts

PHONE:

RE: RD27791  
10/762325

FROM: Sandra Preisman

EMAIL: [Preisman@crd.ge.com](mailto:Preisman@crd.ge.com)

FAX: (518)387-6110

## COMMENTS:

Hi: Would you please help me get the following changed:Filing date changed to 1/23/04.The 2 filing receipts and the Response to Notice of Omitted items are attached.Thank you for your help.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22304-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	PIL FEB HP (1)	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/762,325	08/30/2004	3749	900	RD-27,791	1	9	1

006147  
 GENERAL ELECTRIC COMPANY  
 GLOBAL RESEARCH  
 PATENT DOCKET RM. BLDG. K1-4A59  
 NISKAYUNA, NY 12309

OCT 7

CONFIRMATION NO. 4984

UPDATED FILING RECEIPT



\*0000000013982005\*

Date Mailed: 10/04/2004

Receipt is acknowledged of this Regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Robert Arthur Giddings, Slingerlands, NY;  
 Frederic Francis Ahlgren, Highland Heights, OH;

Power of Attorney: The patent practitioners associated with Customer Number 006147.

## Domestic Priority data as claimed by applicant

This application is a DIV of US/836,285 08/10/2000 PAT 6,739,155

## Foreign Applications

If Required, Foreign Filing License Granted: 04/26/2004

The number of your priority application, to be used for filing abroad under the Paris Convention, is,  
**US10/762,325**

Projected Publication Date: 01/13/2005

Non-Publication Request: No

Early Publication Request: No

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**Title**

Quartz fusion furnace and method for forming quartz articles

**Preliminary Class**

437

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may re-file the application pursuant to 37 CFR 5.45(b).

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RD-27,791-3

Application No.: 10/762,325

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of

R. A. GIDDINGS et al.

Group Art Unit: 3729

Application No.: 10/762,325

Examiner:

Filed: January 23, 2004

**For: QUARTZ FUSION FURNACE AND METHOD FOR FORMING QUARTZ ARTICLES  
RESPONSE TO NOTICE OF OMITTED ITEM AND PETITION TO REFUND  
THE 37 CFR §1.17(H) FEE**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to NOTICE OF OMITTED ITEM IN A NONPROVISIONAL APPLICATION, (copy attached) mailed on August 4, 2004, Applicants petition to be accorded the January 23, 2004 filing date of the original papers in this case and request refund of the \$130 petition fee transmitted with this RESPONSE for the following reasons:

1. The August 4, 2004 NOTICE OF OMITTED ITEM IN A NONPROVISIONAL APPLICATION states that sheet 2 of the drawings of the above application, including FIGs. 2,3 appears to have been omitted from the application.
2. Submitted herewith is sheet 2 of the drawings of the above application, including FIGs. 2,3 described in the specification.
3. Attached is the undersign's check in the amount of the 37 CFR §1.17(h) fee (\$130). Please charge any deficiency to Deposit Account No. 500917. Two duplicate copies of this paper are attached.
4. Applicants contend that the purported omitted sheet 2 of the drawings of the above application, including FIGs. 2,3 was in fact deposited with the U.S. Patent and Trademark Office (USPTO) with the nonprovisional application papers.

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KD-27,791-3

Application No.: 10/762,325

5. Filing of the purported omitted sheet 2 of the drawings of the above application, including FIGs. 2,3 with the January 23, 2004 filing papers is evidenced by:

(1) the remaining contents of the undersign's file copy includes only documents consistent with the January 23, 2004 filing of sheet 2 of the drawings of the above application, including FIGs. 2,3;

(2) the undersign personally filed the January 23, 2004 documents and the undersign's usual course of action includes a personal review of documents immediately prior to filing to assure that all documents, including in this case, sheet 2 of the drawings of the above application, including FIGs. 2,3, are present; and

(3) the receipted postcard (copy attached) received by the undersign from the PTO simultaneous with the January 23, 2004 filing evidences the filing of two sheets of drawings (sheet 1 with FIG. 1 and sheet 2 with FIGs. 2,3).

6. Applicants hereby request refund of the \$ 130 3/4 CFR §1.17(h) fee because the original January 23, 2004 filing papers included the purported missing sheet 2 of the drawings of the above application, including FIGs. 2,3 described in the specification.

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RD-27,791-3

Application No.: 10762,323

7. Entry of these documents should complete all of the filing formalities and fully satisfy all requirements of the NOTICE TO FILE OMITTED ITEMS OF NONPROVISIONAL APPLICATION. Accordingly, examination and allowance of this application in due course and refund of the \$130 petition fee transmitted with this RESPONSE are respectfully requested

Respectfully submitted,



Philip D. Freedman  
Registration No. 24,163  
Philip D. Freedman PC  
CUSTOMER NUMBER 25101  
P.O. Box 19076  
Alexandria, Virginia 22320  
703-313-0171  
takesq@takesq.com

Alexandria, Virginia  
24306, 2004

## Attachments:

Two copies of this document  
Sheet 2 of the drawings of the above application, including FIGs. 2,3  
Receipted Post Card copy  
Check  
Notice of Omitted Item in a Nonprovisional Application copy

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UNITED STATES PATENT AND TRADEMARK OFFICE

 UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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 P.O. Box 400  
 Alexandria, Virginia 22313-4400  
 www.uspto.gov

APPLICATION NUMBER	FILING (M, Y) (S) DATE	FIRST NAMED APPLICANT	ATTORNEY TICKET NUMBER
10/762,325	01/23/2001	Robert Arthur Giddings	RD-27,791

 Philip D. Freedman  
 Philip D. Freedman PC  
 P.O. Box 18076  
 Alexandria, VA 22320

CONFIRMATION NO. 4984

FORMALITIES LETTER



\*0000000013438035\*

Date Mailed: 08/04/2004

# NOTICE OF OMITTED ITEM(S) IN A NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

A filing date has been accorded to the above-identified nonprovisional application papers; however, the following item(s) appear to have been omitted from the application:

- Figure(s) 2,3 described in the specification.

I. Should applicant contend that the above-noted omitted item(s) was in fact deposited in the U.S. Patent and Trademark Office (USPTO) with the nonprovisional application papers, a copy of this Notice and a petition (and \$130.00 petition fee (37 CFR 1.17(h))) with evidence of such deposit must be filed within **TWO MONTHS** of the date of this Notice. The petition fee will be refunded if it is determined that the item(s) was received by the USPTO.

II. Should applicant desire to supply the omitted item(s) and accept the date that such omitted item(s) was filed in the USPTO as the filing date of the above-identified application, a copy of this Notice, the omitted item(s) (with a supplemental oath or declaration in compliance with 37 CFR 1.63 and 1.64 referring to such item(s)), and a petition under 37 CFR 1.182 (with the \$130.00 petition fee (37 CFR 1.17(h))) requesting the later filing date must be filed within **TWO MONTHS** of the date of this Notice.

Applicant is advised that generally the filing fee required for an application is the filing fee in effect on the filing date accorded the application and that payment of the requisite basic filing fee on a date later than the filing date of the application requires payment of a surcharge (37 CFR 1.16(e)). To avoid processing delays and payment of a surcharge, applicant should submit any balance due for the requisite filing fee based on the later filing date being requested when submitting the omitted item(s) and the petition (and petition fee) requesting the later filing date.

III. The failure to file a petition (and petition fee) under the above options (I) or (II) within **TWO MONTHS** of the date of this Notice (37 CFR 1.181(f)) will be treated as a constructive acceptance by the applicant of the application as deposited in the USPTO. **THIS TWO MONTH PERIOD IS NOT EXTENDABLE UNDER 37 CFR 1.136(a) or (b).** In the absence of a timely filed petition in reply to this Notice, the application will maintain a filing date as of the date of deposit of the application papers in the USPTO, and original application papers (i.e., the original disclosure of the invention) will include only those application papers present in the USPTO on the date of deposit.

In the event that applicant elects not to take action pursuant to options (I) or (II) above (thereby constructively electing option (III)), amendment of the specification to renumber the pages consecutively and cancel incomplete sentences caused by any omitted page(s), and/or amendment of the specification to cancel all references to any omitted drawing(s), relabel the drawing figures to be numbered consecutively (if necessary), and correct the


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Page 2 of 2

references in the specification to the drawing figures to correspond with any relabeled drawing figures, is required. A copy of the drawing figures showing the proposed changes in red ink should accompany with any drawing changes. Such amendment and/or correction to the drawing figures, if necessary, should be by way of preliminary amendment submitted prior to the first Office action to avoid delays in the prosecution of the application.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1460  
Alexandria VA 22313-1460

*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center  
Initial Patent Examination Division (7U3) 308-1202

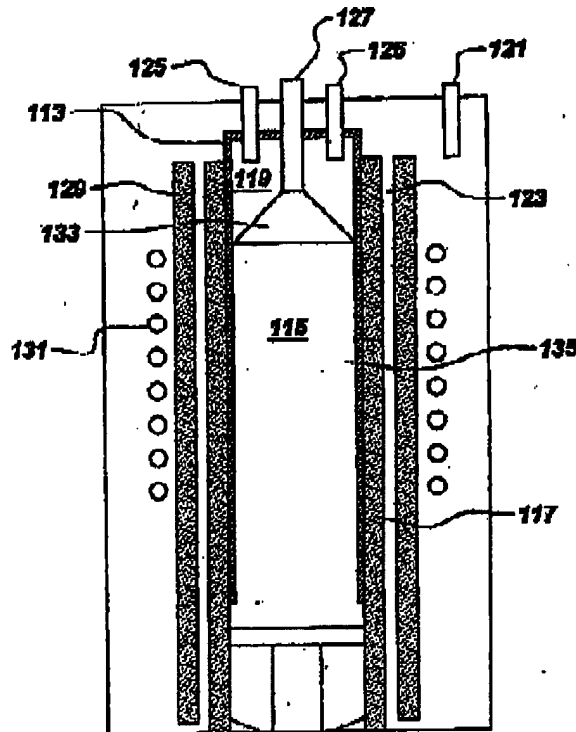
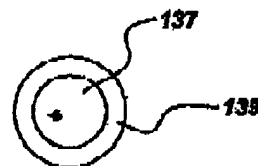
PART 2 - COPY TO BE RETURNED WITH RESPONSE

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2/2

**Fig. 2****Fig. 3**

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Applicant: GIDDINGS et al  
Serial No.: New (divisional of 09/636,286)  
Docket: RD-2779-31 (GENE0157A)  
Filed: herewith  
Atty: Philip D. Freeman, 24,163  
For: QUARTZ FUSION FURNACE  
AND METHOD FOR FORMING QUARTZ  
ARTICLES

**BEST AVAILABLE COPY**

When receipt stamp is placed hereon, the USPTO  
acknowledges receipt of the following documents:

(1) DIVISIONAL APPLICATION TRANSMITTAL  
FORM (with two copies); (2) Specification (12 pages); (3)  
Drawings (two sheets); (4) Declaration copy; (5)  
Assignment Copy; (6) Power of Attorney copy; (7)  
Preliminary Amendment; (8) Information Disclosure  
Statement; (9) Two PTO Forms-892; and (10) Credit Card  
Payment Form



PLEASE DATE STAMP AND RETURN.

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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
400... (F) WASHINGTON, DC 20503  
U.S. Pat. & Tm. Off.  
Alexandria, Virginia 22304-1430  
U.S. Patent & Trademark Office

APPL NO	FILING OR 3/1 (C) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/762,325	01/23/2004	3749	770	RD-07,781	1	9	1

CONFIRMATION NO. 4954

Philip D. Freedman  
Philip D. Freedman PC  
P.O. Box 19076  
Alexandria, VA 22320

## FILING RECEIPT



\*0000000013438034\*

Date Mailed: 08/04/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Robert Arthur Giddings, Slingerlands, NY;  
Frederic Francis Ahlgren, Highland Heights, OH;

## Domestic Priority data as claimed by applicant

This application is a DIV of 09/636,286 08/10/2000 PAT 6,739,155

## Foreign Applications

If Required, Foreign Filing License Granted: 04/26/2004

Projected Publication Date: To Be Determined - pending completion of Omitted Items

Non-Publication Request: No

Early Publication Request: No

## Title

Quartz fusion furnace and method for forming quartz articles

## Preliminary Class

432

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).